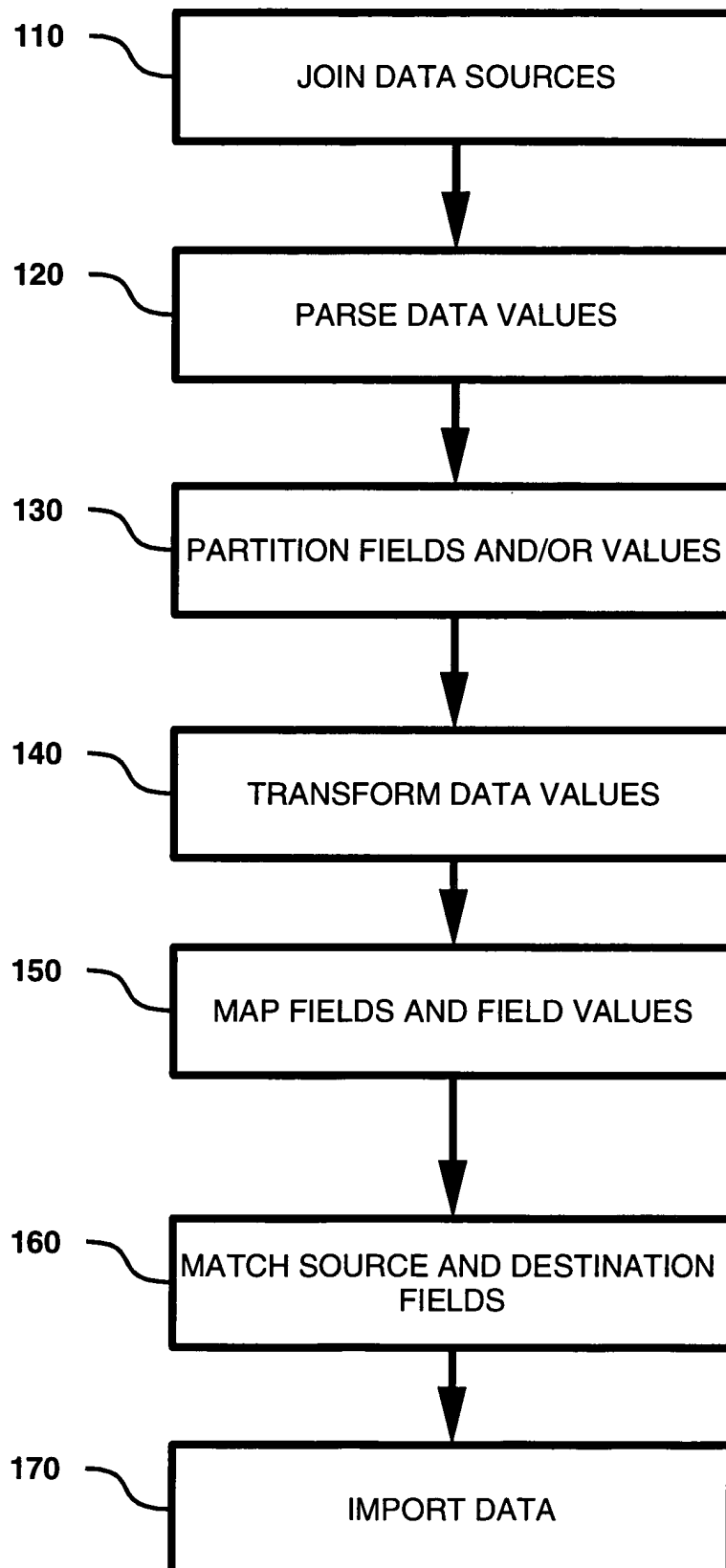


**Figure 1**



10022056 121201  
"FOOT"

Figure 2

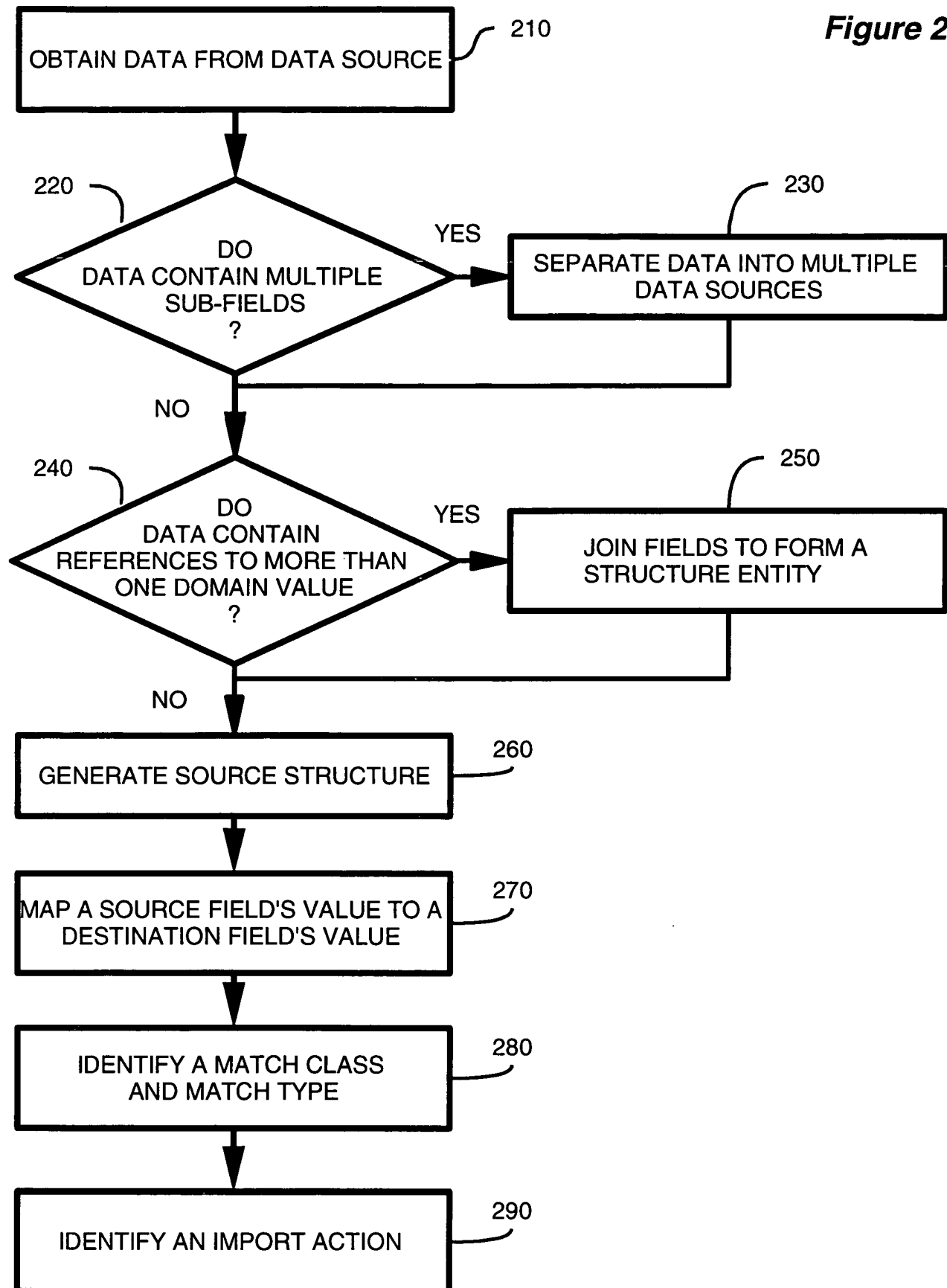
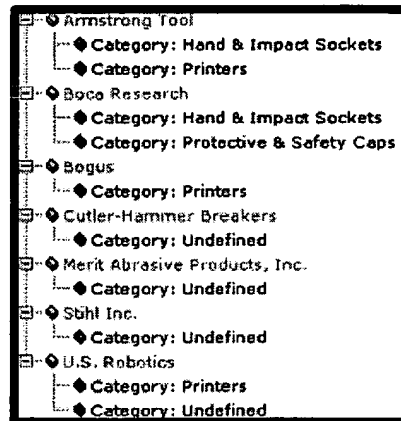


Figure 3

310

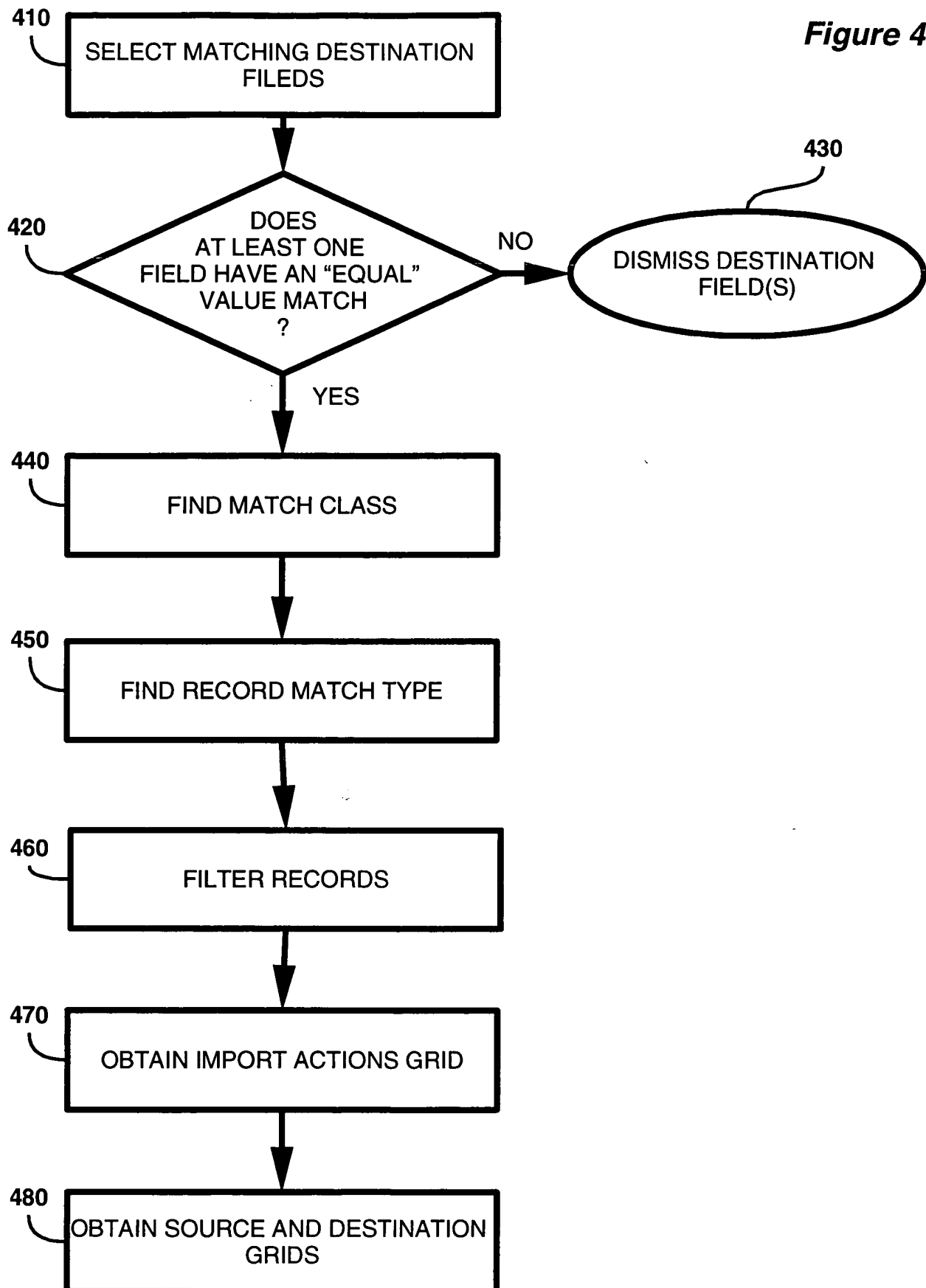


320

Manufacturer
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: 6 Point Eliminator Socket
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Extra Deep 12 Point Lobular Opening Socket
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Extra Deep 6 Point Lobular Opening Socket
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Standard Length 12 Point Lobular Opening Socket
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Standard Length 4 Point Lobular Opening Socket
Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Standard Length 8 Point Lobular Opening Socket
Manufacturer: Armstrong Tool; Category: Printers; Product Name: 6 Point Eliminator Socket
Manufacturer: Boca Research; Category: Hand & Impact Sockets; Product Name: Standard Length 12 Point Lobular Opening Socket
Manufacturer: Boca Research; Category: Protective & Safety Caps; Product Name: 6 Point Eliminator Socket
Manufacturer: Bogus; Category: Printers; Product Name: 6 Point Eliminator Socket
Manufacturer: Cutler-Hammer Breakers; Category: Undefined; Product Name: 6 Point Eliminator Socket
Manufacturer: Merit Abrasive Products, Inc.; Category: Undefined; Product Name: 6 Point Eliminator Socket
Manufacturer: Stihl Inc.; Category: Undefined; Product Name: 6 Point Eliminator Socket
Manufacturer: U.S. Robotics; Category: Printers; Product Name: 6 Point Eliminator Socket
Manufacturer: U.S. Robotics; Category: Undefined; Product Name: 6 Point Eliminator Socket

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Figure 4



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Manufacturer field with its values.

Figure 5a

**A2i xCat Import Manager**

File View Map Help

HandandImpactSockets None

**Source Hierarchy**

- Hand&ImpactSockets.mdb
  - HandandImpactSockets
    - Item Number (SKU)
    - Manufacturer**
      - Armstrong Tool
      - Boca Research
      - Bogus
      - Cutler-Hammer Breakers
      - Merit Abrasive Products, Inc.
      - Stihl Inc.
      - U.S. Robotics
    - Part Number
    - Category
    - Product Name
    - Product Description
    - Weight
    - Application Unit
    - Socket Series
    - Socket Drive Size
    - Number of Points Nom
    - Socket Size Nom In
    - Drive End Diameter
    - Overall Length Nom In
    - Socket Diameter
    - Time

Source Preview Source Joins **Partition Fields/Values** Map Fields/Values Match Records Import

**Source partitions**

Available fields:

- Application Unit
- Category
- Drive End Diameter
- Item Number (SKU)
- Number of Points Nom
- Overall Length Nom In
- Part Number
- Product Description**
- Product Name
- Socket Diameter
- Socket Drive Size
- Socket Series
- Socket Size Nom In
- Time
- Weight

Add Remove

☐ Inherit

**Partition by:**

Manufacturer

**Destination partitions**

Linked attributes:

Add Remove

☐ Inherit

NUM

Manufacturer field is [nested] partitioned by Category field

Figure 5b

A2i xCat Import Manager

File View Map Help

HandandImpactSockets None

### Source Hierarchy

- Hand&ImpactSockets.mdb
  - HandandImpactSockets
    - Item Number (SKU)
      - Manufacturer
        - Armstrong Tool
          - Category: Hand & Impact Sockets
          - Category: Printers
        - Boca Research
          - Category: Hand & Impact Sockets
          - Category: Protective & Safety Caps
        - Bogus
          - Category: Printers
        - Cutler-Hammer Breakers
          - Category: Undefined
        - Merit Abrasive Products, Inc.
          - Category: Undefined
        - Stihl Inc.
          - Category: Undefined
        - U.S. Robotics
          - Category: Printers
          - Category: Undefined
      - Part Number
      - Category
      - Product Name
      - Product Description
      - Weight
      - Application Unit
      - Socket Series
      - Socket Drive Size

Source Preview Source Joins Partition Fields/Values Map Fields/Values Match Records Import

#### Source partitions

Available fields:

- Application Unit
- Drive End Diameter
- Item Number (SKU)
- Number of Points Nom In
- Overall Length Nom In
- Part Number
- Product Description
- Product Name
- Socket Diameter
- Socket Drive Size
- Socket Series
- Socket Size Nom In
- Time
- Weight

Partition by:

- Manufacturer
- Category

Add Remove

☐ Inherit

#### Destination partitions

Linked attributes:

Add Remove

☐ Inherit

NUM

Manufacturer field is [nested] partitioned by Category field,  
then [nested] partitioned again by Product Name field.

**Figure 5c**

The screenshot displays the A2i xCat Import Manager interface. At the top, the title bar reads "A2i xCat Import Manager" with standard window controls. Below the title bar is a menu bar with "File", "View", "Map", and "Help". A dropdown menu shows "HandandImpactSockets" and "None".

The main area is titled "Source Hierarchy" and contains a tree view. The root node is "Manufacturer", which is expanded to show several manufacturers: "Armstrong Tool", "Boca Research", "Bogus", "Cutler-Hammer Breakers", "Merit Abrasive Products, Inc.", "Stihl Inc.", "U.S. Robotics", and "Part Number". Each manufacturer node is further expanded to show "Category" and "Product Name" fields. For example, under "Armstrong Tool", the categories are "Hand & Impact Sockets" and "Printers", each with several "Product Name" entries.

At the bottom of the window is a tabbed interface with five tabs: "Source Preview", "Source Joins", "Partition Fields/Values", "Map Fields/Values", and "Match Records". The "Partition Fields/Values" tab is currently selected. It contains two main sections: "Source partitions" and "Destination partitions".

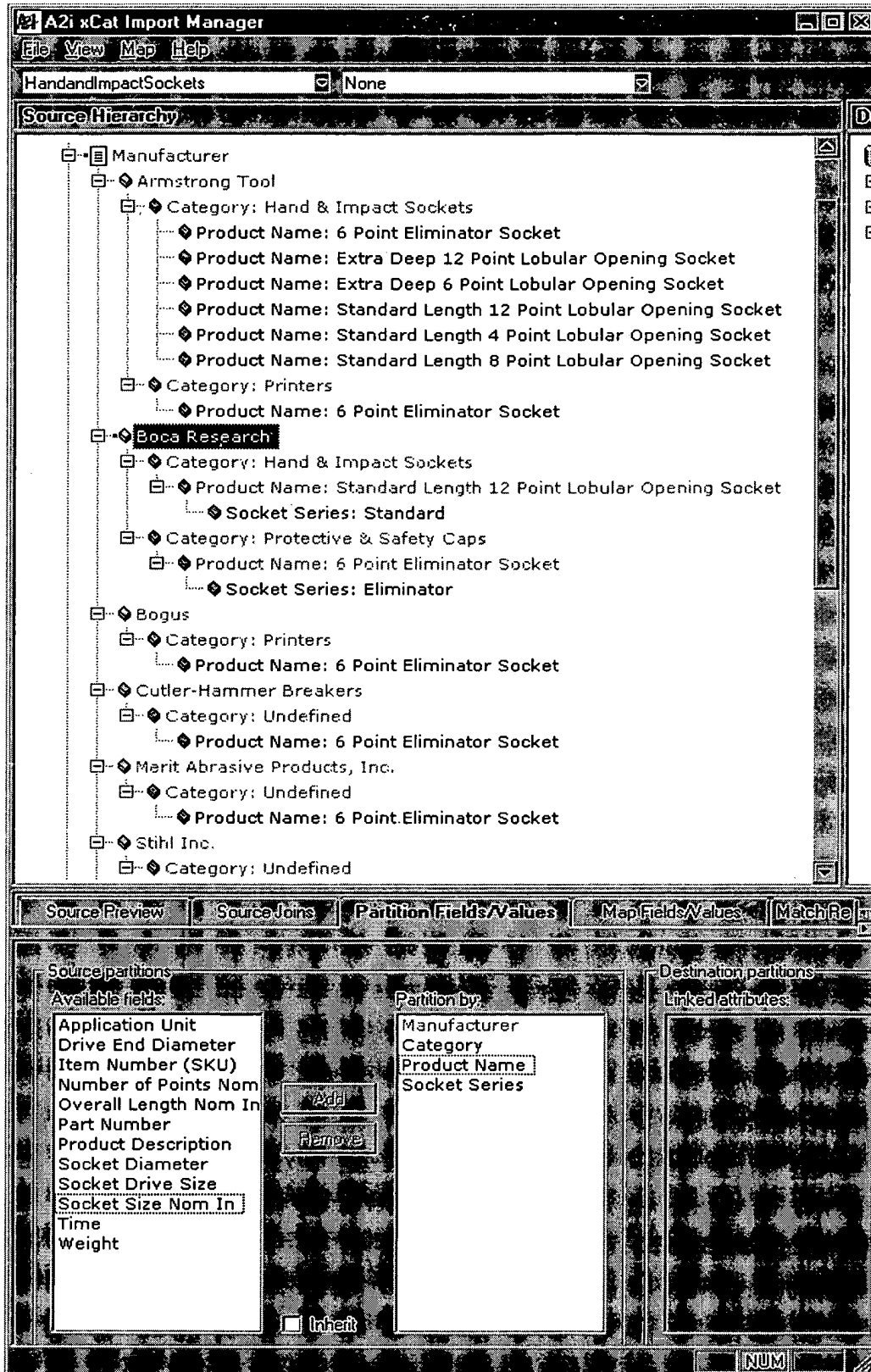
The "Source partitions" section has a list of "Available fields" on the left, including "Application Unit", "Drive End Diameter", "Item Number (SKU)", "Number of Points Nom", "Overall Length Nom In", "Part Number", "Product Description", "Socket Diameter", "Socket Drive Size", "Socket Series", "Socket Size Nom In", and "Time". To the right of this list is a "Partition by" box containing "Manufacturer", "Category", and "Product Name". Below the "Available fields" list are "Add" and "Remove" buttons.

The "Destination partitions" section has a "Linked attributes" box on the right, which is currently empty. Below it are "Add" and "Remove" buttons.

At the bottom right of the window, there is a "NUM" button.

Manufacturer field is [nested] partitioned by Category field, then [nested] partitioned again by Product Name field; then Boca Research value of Manufacturer field is [nested] partitioned by Socket Series field (breaking its inheritance from Manufacturer field).

**Figure 5d**



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Manufacturer field is [nested] partitioned by the [combined] partition of Category and Product Name fields.

Figure 5e

A2i xCat Import Manager

File View Map Help

HandandImpactSockets None

**Source Hierarchy**

- Manufacturer
  - Armstrong Tool
    - Category: Hand & Impact Sockets; Product Name: 6 Point Eliminator Socket
    - Category: Hand & Impact Sockets; Product Name: Extra Deep 12 Point Lobular Opening S
    - Category: Hand & Impact Sockets; Product Name: Extra Deep 6 Point Lobular Opening S
    - Category: Hand & Impact Sockets; Product Name: Standard Length 12 Point Lobular Open
    - Category: Hand & Impact Sockets; Product Name: Standard Length 4 Point Lobular Open
    - Category: Hand & Impact Sockets; Product Name: Standard Length 8 Point Lobular Open
    - Category: Printers; Product Name: 6 Point Eliminator Socket
  - Boca Research
    - Category: Hand & Impact Sockets; Product Name: Standard Length 12 Point Lobular Open
    - Category: Protective & Safety Caps; Product Name: 6 Point Eliminator Socket
  - Bogus
    - Category: Printers; Product Name: 6 Point Eliminator Socket
  - Cutler-Hammer Breakers
    - Category: Undefined; Product Name: 6 Point Eliminator Socket
  - Merit Abrasive Products, Inc.
    - Category: Undefined; Product Name: 6 Point Eliminator Socket
  - Stihl Inc.
    - Category: Undefined; Product Name: 6 Point Eliminator Socket
  - U.S. Robotics
    - Category: Printers; Product Name: 6 Point Eliminator Socket
    - Category: Undefined; Product Name: 6 Point Eliminator Socket
- Part Number
- Category
- Product Name
- Product Description
- Weight

**Destination Hierarchy**

- ImageTest
  - Categories
  - Manufacturers
  - Products
  - Product Images
  - Cat/Mfr Logos
  - Text
  - PDFs

Source Preview Source Joins Partition Fields/Values Map Fields/Values Match Records Import

**Source partitions**

Available fields:

- Application Unit
- Drive End Diameter
- Item Number (SKU)
- Number of Points Nom
- Overall Length Nom In
- Part Number
- Product Description
- Socket Diameter
- Socket Drive Size
- Socket Series
- Socket Size Nom In
- Time
- Weight

Partition by:

- Manufacturer
- Category; Product Name

Add Remove

☐ Inherit

**Destination partitions**

Linked attributes:

Partition by:

Add Remove

☐ Inherit

NUM

Manufacturer field is [combined] partitioned (merged) with the Category and Product Name fields.

Figure 5f

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A2i xCat Import Manager

File View Map Help

Hand and Impact Sockets None

Source Hierarchy

- Manufacturer
  - Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: 6 Point Eliminator Socket
  - Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Extra Deep 12 Point Lobular Opening Socket
  - Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Extra Deep 6 Point Lobular Opening Socket
  - Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Standard Length 12 Point Lobular Opening Socket
  - Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Standard Length 4 Point Lobular Opening Socket
  - Manufacturer: Armstrong Tool; Category: Hand & Impact Sockets; Product Name: Standard Length 8 Point Lobular Opening Socket
  - Manufacturer: Armstrong Tool; Category: Printers; Product Name: 6 Point Eliminator Socket
  - Manufacturer: Boca Research; Category: Hand & Impact Sockets; Product Name: Standard Length 12 Point Lobular Opening Socket
  - Manufacturer: Boca Research; Category: Protective & Safety Caps; Product Name: 6 Point Eliminator Socket
  - Manufacturer: Bogus; Category: Printers; Product Name: 6 Point Eliminator Socket
  - Manufacturer: Cutler-Hammer Breakers; Category: Undefined; Product Name: 6 Point Eliminator Socket
  - Manufacturer: Merit Abrasive Products, Inc.; Category: Undefined; Product Name: 6 Point Eliminator Socket
  - Manufacturer: Stihl Inc.; Category: Undefined; Product Name: 6 Point Eliminator Socket
  - Manufacturer: U.S. Robotics; Category: Printers; Product Name: 6 Point Eliminator Socket
  - Manufacturer: U.S. Robotics; Category: Undefined; Product Name: 6 Point Eliminator Socket
- Part Number
- Category
- Product Name
- Product Description
- Weight
- Application Unit
- Socket Series
- Socket Drive Size
- Number of Points Nom
- Socket Size Nom In
- Drive End Diameter
- Overall Length Nom In

Source Preview Source Joins Partition Fields/Values Map Fields/Values Match Records Import

Source partitions

Available fields:

- Application Unit
- Drive End Diameter
- Item Number (SKU)
- Number of Points Nom
- Overall Length Nom In
- Part Number
- Product Description
- Socket Diameter
- Socket Drive Size
- Socket Series
- Socket Size Nom In
- Time
- Weight

Partition by:

Manufacturer; Category; Product Name

Destination partitions

Linked attributes:

Partition by:

NUM

Manufacturer field is [combined] partitioned (merged) with the Category and Product Name fields, then the partition of Cutler-Hammer Breakers value is split (breaking its inheritance from Manufacturer field).

Figure 5g

